

Claims

1. Pharmaceutical composition containing a hydrophobically modified hedgehog protein and a biodegradable protein as a carrier.
- 5 2. Pharmaceutical composition as claimed in claim 1, containing soluble collagen as a carrier.
- 10 3. Pharmaceutical composition as claimed in claim 1, containing insoluble, cross-linked collagen.
4. Pharmaceutical composition as claimed in the claims 1 - 3, containing a hyaluronic acid or alginate.
- 15 5. Pharmaceutical composition as claimed in claims 1 -4, containing a hedgehog protein at a concentration of 0.1 - 100 mg/ml.
6. Pharmaceutical composition as claimed in claims 1 -5, wherein the composition is buffered in a range between pH 4.5 and 10.
- 20 7. Pharmaceutical composition as claimed in claims 1 - 6, containing arginine or argininium ions.
8. Process for the production of a pharmaceutical composition, wherein a hydrophobically modified hedgehog protein is combined in a therapeutically effective amount with a biodegradable protein as a carrier.
- 25 9. Process for the delayed release of a hydrophobically modified hedgehog protein in the human body, wherein the said hedgehog protein is applied locally in the human body in a pharmaceutical composition as claimed in claims 1 - 7.
- 30 10. Process for the production of an insoluble, biodegradable protein carrier matrix which contains a hydrophobically modified hedgehog protein, wherein the carrier matrix is incubated with a solution containing the said hedgehog protein at a concentration of 3 mg/ml or more and arginine or
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argininium ions at a concentration of 10 mmol/l or more and the carrier matrix coated in this manner is isolated.

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